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WATER SUPPLY OUTLOOK FOR IDAHO



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FEB 20 '76

SECTION
GENERAL RECORDS

U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

IDAHO STATE DEPARTMENT OF WATER ADMINISTRATION

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

AS OF
FEB. 1, 1976

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: SURVEYOR ENROUTE TO THE MT. BALDY ARIZONA SNOW COURSE
SCS PHOTO AZ-5460

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 111, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	204 E. 5th. Ave., Room 217, Anchorage, Alaska 99501
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1220 S.W. Third Ave., Portland, Oregon 97204
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK FOR IDAHO

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

R.M. DAVIS

ADMINISTRATOR
SOIL CONSERVATION SERVICE
WASHINGTON, D C

|||||
Released by

AMOS I. GARRISON, JR.

STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
BOISE, IDAHO

In Cooperation with

R. KEITH HIGGINSON

DIRECTOR
IDAHO DEPARTMENT OF WATER RESOURCES

|||||
Report prepared by

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SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
ROOM 345, 304 N. 8th. ST.
BOISE, IDAHO 83702

WATER SUPPLY OUTLOOK for IDAHO



GENERAL SUMMARY FOR FEBRUARY 1, 1976

In general this was a mild January with above normal temperatures and below average precipitation. Frequent and substantial precipitation fell during the first half of the month but the remainder of the month was predominantly dry. Snowpack accumulations in the mountainous watersheds of Idaho as of February 1 range from a low of 57 percent of average on the Little Wood drainage to a high of 136 percent of normal on the Teton watershed. The snowpack is above to well above normal on all Snake River and tributary drainages above Milner Dam and below average on the remainder of the tributary watersheds to the Clearwater River which shows 108 percent of normal.

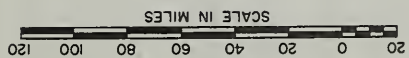
Streamflow during January was above normal on most Idaho streams but not conducive to flooding from runoff. Reservoir storage is good to excellent throughout the state. Streamflow forecasts for the April through September 1976 seasonal period range from a low of 66 percent of average for Inflow to Magic Reservoir on the Big Wood River to 106 percent of normal for Snake River near Heise.

The outlook is for adequate water supplies during 1976 on all drainages having storage facilities. The water supply outlook for other watersheds will be dependent upon weather conditions during the remainder of the winter.

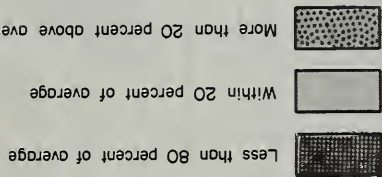
COMPARISON of SNOW COVER

RIVER BASIN WATERSHED	NO. OF COURSES AVERAGED	THIS YEARS SNOW WATER EXPRESSED AS PERCENT OF :	
		LAST YEAR	1958-72 AVERAGE
<u>UPPER COLUMBIA RIVER BASIN</u>			
Kootenai River	8	91	83
Pend Oreille River	43	107	107
Clark Fork River	31	110	116
Flathead River	12	101	91
Priest River	4	58	70
Spokane River	3-5	86	91
<u>LOWER SNAKE RIVER BASIN</u>			
Clearwater River	8-13	105	108
Salmon River	12-13	107	95
<u>MIDDLE SNAKE RIVER BASIN - Northside</u>			
Little Lost River	5	139	81
Big Lost River	4-6	106	58
Little Wood River	3-4	114	57
Big Wood River	8-9	116	79
Boise River	11	110	92
Payette River	10-11	107	91
Weiser River	1	99	78
<u>MIDDLE SNAKE RIVER BASIN - Southside</u>			
Raft River	1	116	111
Salmon Falls Creek	8	80	96
Bruneau River	4	73	92
Owyhee River, Idaho	7	65	80
Jordan Creek	2	74	85
<u>UPPER SNAKE RIVER BASIN</u>			
Snake Basin - Wyoming	28	149	125
Camas-Beaver Creeks	2	104	93
Henrys Fork River	6-7	160	108
Teton River	2-5	158	136
Willow-Sand Creeks	6-10	139	118
Blackfoot River	3	109	111
Portneuf River	4	104	107
<u>GREAT BASIN</u>			
Bear River - Upper	6	106	97
Bear River - Lower	12	92	92
Montpelier Creek	4-6	109	88
Mink Creek	7	92	91
Cub River	2-3	96	113

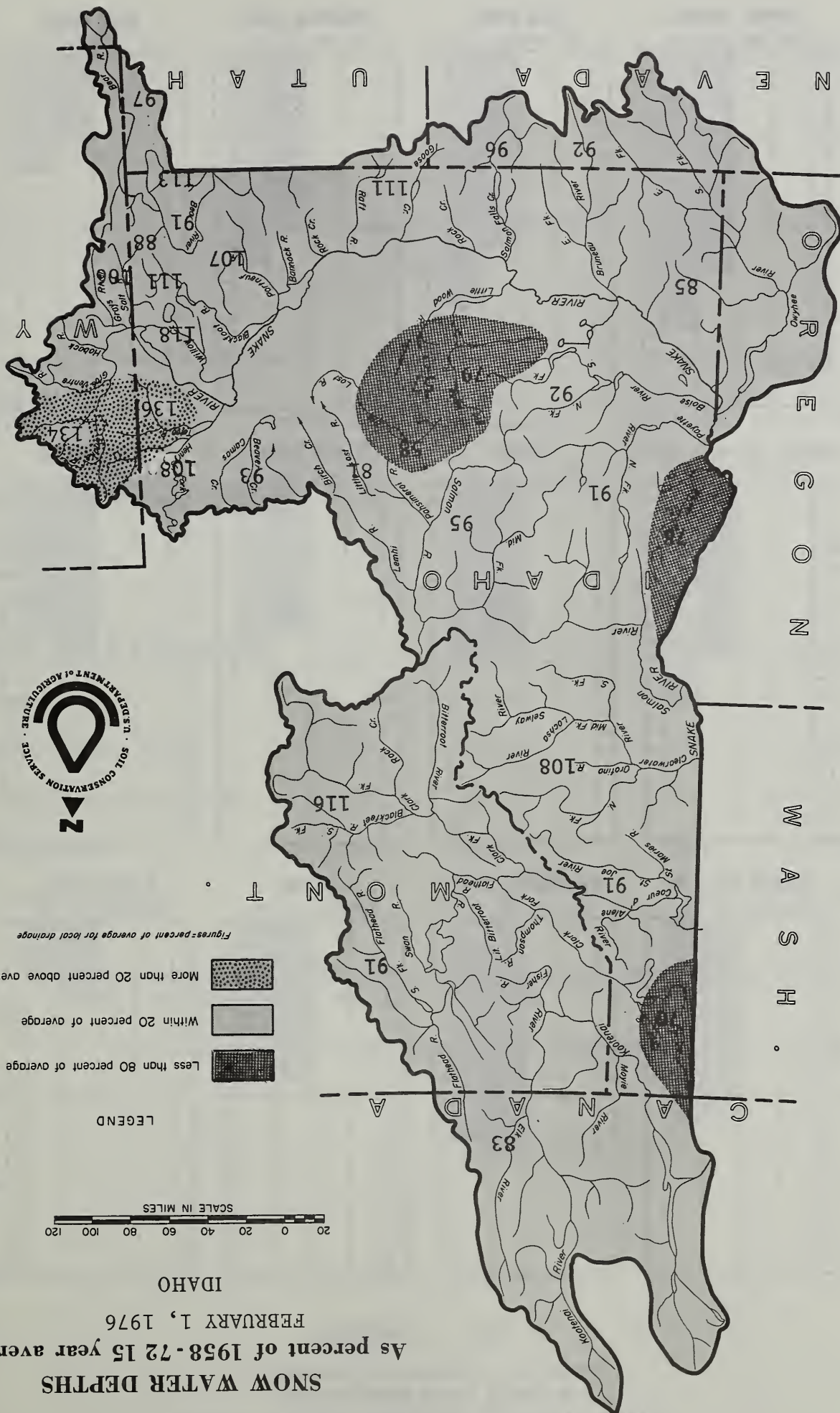
SNOW WATER DEPTHS As percent of 1958-72 15 year average FEBRUARY 1, 1976 IDAHO



LEGEND



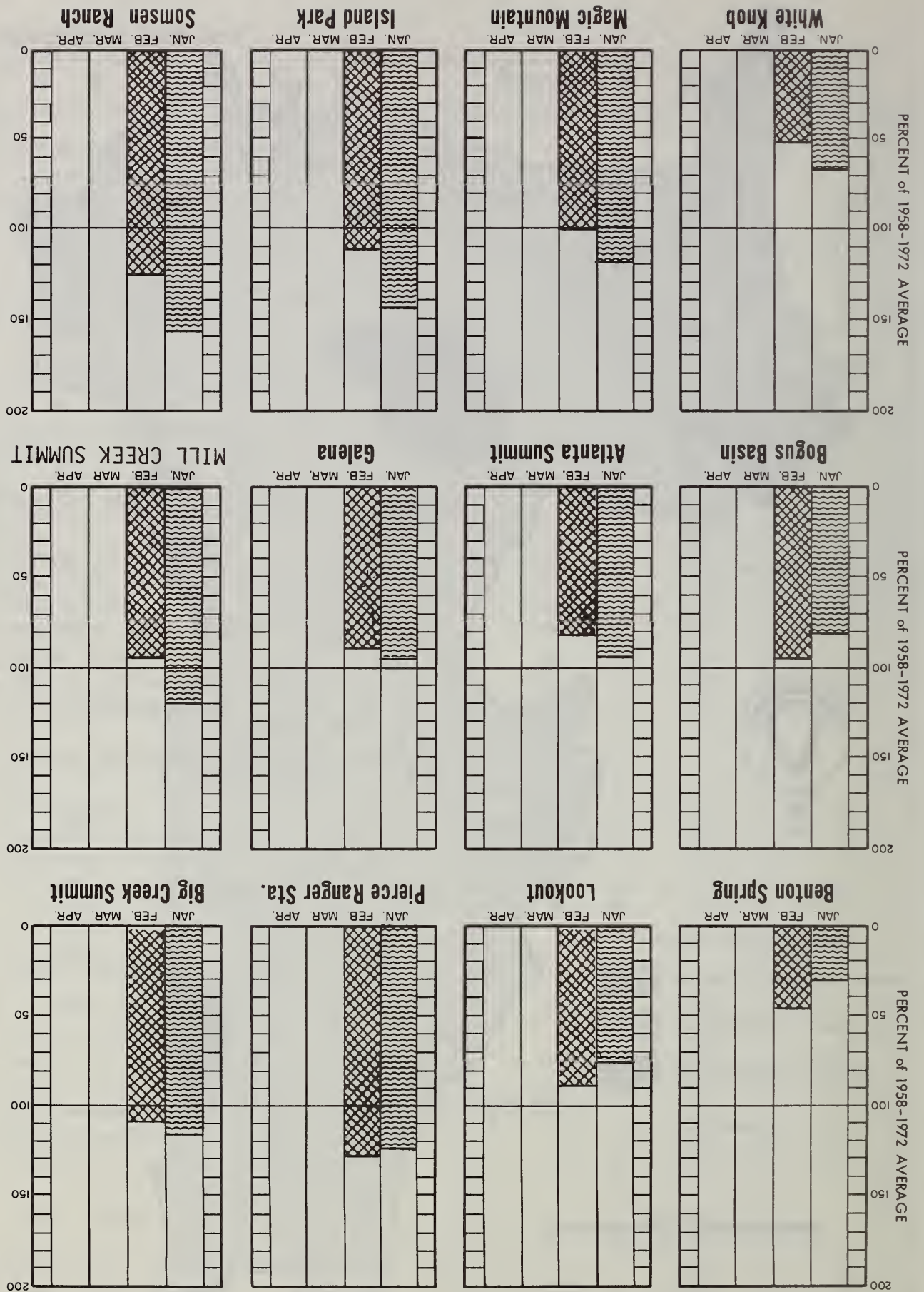
Figures-percent of average for local drainage



SNOW WATER DEPTHS ACCUMULATION

For Selected Snow Courses
As Compared To 1958-1972 15 Yr. Average

FEBRUARY 1, 1976



VALLEY PRECIPITATION 1/
 Division Averages and Departures
 In Inches

DRAINAGE DIVISIONS	Winter January 1976		Fall - Winter Nov. 75 - Jan. 76	
	Observed	Departure <u>2/</u>	Observed	Departure <u>2/</u>
Kootenai, Canada & U. S.	2.90	-0.79	9.95	-0.30
Flathead	1.97	-0.97	5.87	-1.86
Clark Fork	0.81	-0.59	3.01	-0.44
Pend Oreille-Spokane	3.55	-1.24	11.83	-1.10
Upper Snake	2.34	-0.29	7.08	+0.34
Snake River Plain	0.97	-0.17	2.51	-0.87
Salmon-Payette-Boise	3.07	-0.31	7.69	-0.76
Clearwater	4.37	+0.50	12.82	+2.50
Owyhee-Malheur	0.94	-0.48	2.39	-1.50

1/ Preliminary analysis and data by the National Weather Service and Meterological Service of Canada.

2/ Departure from 15-year (1958-1972) drainage division average.

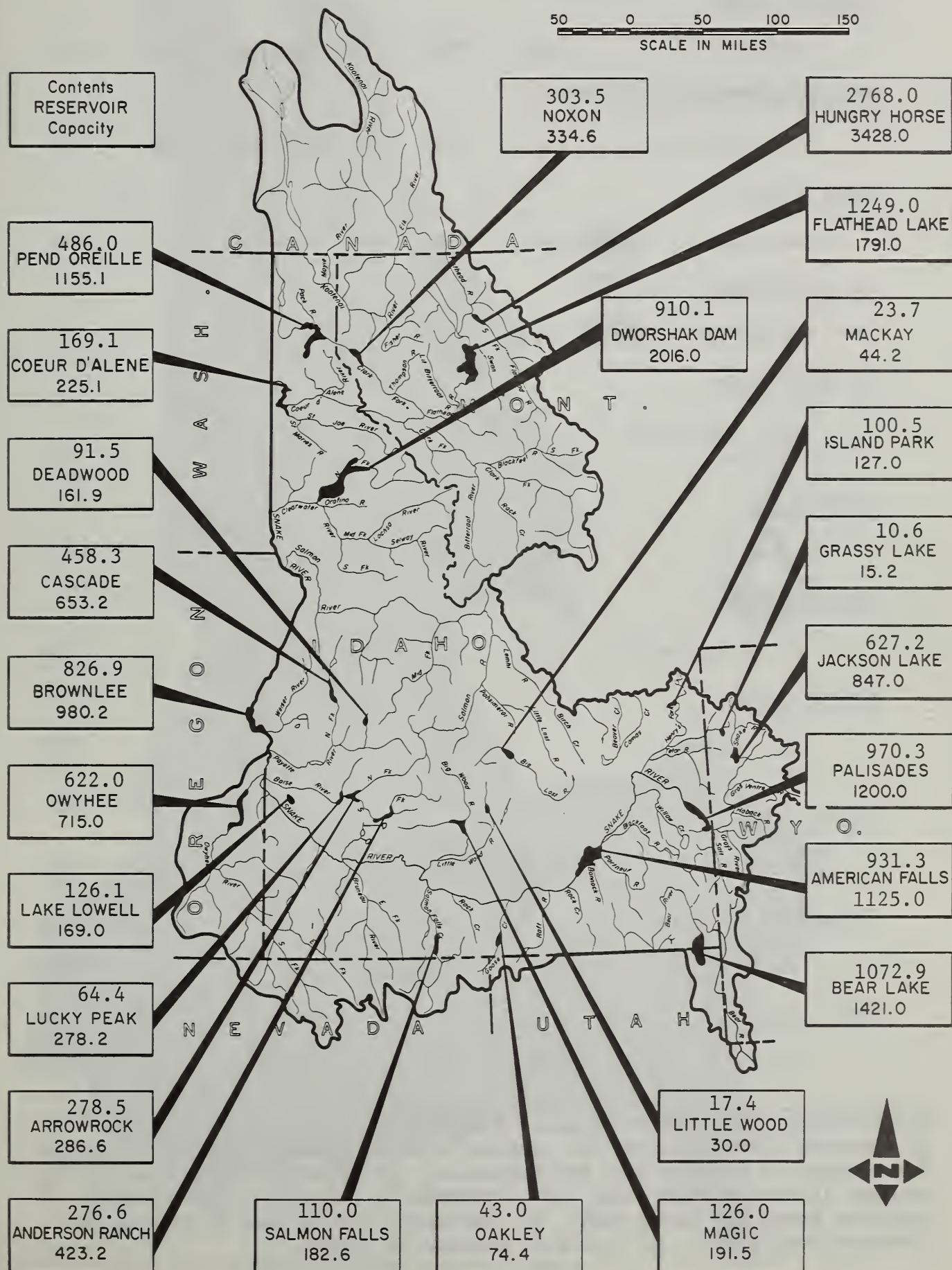
RESERVOIR STORAGE (1,000 Ac. Ft.)

RESERVOIR	USABLE CAPACITY	MEASURED (First of Month)		
		THIS YEAR	LAST YEAR	1958-72 AVERAGE
UPPER COLUMBIA BASIN				
Clark Fork - Pend Oreille				
Hungry Horse	3428.0	2768.0	1990.0	2484.0
Flathead	1791.0	1249.0	1085.0	1246.0
Pend Oreille	1155.1	486.0	255.9	438.2
Noxon	334.6	303.5	313.1	320.8
Spokane				
Coeur d'Alene	225.1	169.1	64.0	138.4
SNAKE BASIN				
Snake				
Jackson Lake	847.0	627.2	611.9	540.9
Palisades	1200.0	970.3	967.9	782.1
American Falls	1125.0	931.3	1009.3	623.6
Island Park	127.0	100.5	104.0	99.9
Grassy Lake	15.2	10.6	10.8	10.0
Brownlee	980.2	826.9	739.4	636.1*
Goose-Trapper Creeks				
Oakley	74.4	43.0	37.3	15.7
Salmon Falls Creek				
Salmon Falls	182.6	110.0	60.4	29.2
Big Lost				
Mackay	44.2	23.7	25.7	29.9
Big Wood				
Magic	191.5	126.0	106.5	92.8
Little Wood				
Little Wood	30.0	17.4	13.6	13.5
Fish Creek				
Carey Valley	14.4	6.5	4.7	--
Boise				
Anderson Ranch	423.2	276.6	279.4	257.1
Arrowrock	286.6	278.5	278.4	240.4
Lucky Peak	278.2	64.4	49.6	92.7
Lake Lowell (Deer Flat)	169.0	126.1	112.7	114.0
Owyhee				
Owyhee	715.0	622.0	432.7	407.7
Payette				
Cascade	653.2	458.3	362.8	342.1
Deadwood	161.9	91.5	82.9	73.8
Weiser				
Mann Creek	11.1	5.1	3.2	--
Clearwater				
Dworshak	2016.0	910.1	1048.9	--
GREAT BASIN				
Bear				
Bear Lake	1421.0	1072.9	1069.5	944.9
*Period of Record.				

RESERVOIR STORAGE

USABLE CONTENTS (1,000 Acre Feet)

FEBRUARY 1, 1976



STREAMFLOW FORECASTS

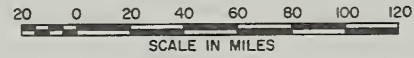
STREAMFLOW FORECASTS		THIS YEAR			PAST RECORD	
BASIN, STREAM and/or FORECAST POINT		FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
		Thousand Acre Feet	Percent of Average		Last Year	Average †
<u>KOOTENAI RIVER</u>						
Leonia	(at)	8900	98	Apr-Sep	8093	9073
<u>SPOKANE RIVER</u>						
Post Falls <u>1/</u>	(at)	2700	90	Apr-Sep	--	3008
<u>SNAKE RIVER</u>						
Heise <u>2/</u>	(nr)	4200	106	Apr-Sep	--	3946
<u>BIG LOST RIVER</u>						
Mackay <u>3/</u>	(nr)	125	68	Apr-Sep	--	183
<u>BIG WOOD RIVER</u>						
Magic Reservoir Inflow		200	66	Apr-Sep	--	301
<u>BOISE RIVER</u>						
Boise <u>4/</u>	(nr)	1550	96	Apr-Sep	--	1612
<u>PAYETTE RIVER</u>						
Horseshoe Bend <u>5/</u>	(nr)	1950	105	Apr-Sep	--	1850
<u>OWYHEE RIVER</u>						
Lake Owyhee		460	90	Feb-Jul	--	510
net inflow <u>6/</u>		272	82	Apr-Sep	--	332
<u>SALMON RIVER</u>						
Whitebird	(at)	6900	99	Apr-Sep	--	6959
<u>CLEARWATER RIVER</u>						
Spalding	(at)	8900	103	Apr-Sep	--	8605
<u>BEAR RIVER</u>						
Harer	(at)	230	85	Apr-Sep	--	271

(c) Assuming normal meteorological conditions.

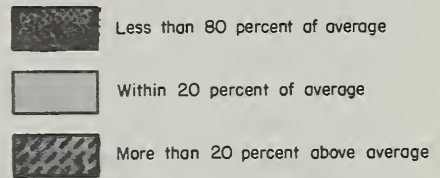
1/ Observed flow corrected for storage in Coeur d'Alene Lake. 2/ Corrected for storage in Jackson Lake and Palisades. 3/ Observed flow corrected for storage in Mackay Reservoir. 4/ Corrected for storage in Arrowrock, Anderson Ranch and Lucky Peak. 5/ Corrected for storage in Cascade and Deadwood Reservoirs. 6/ U.S.B.R. records of inflow.

PROSPECTIVE STREAMFLOW
Based on Snow Surveys made on approximately
 FEBRUARY 1, 1976

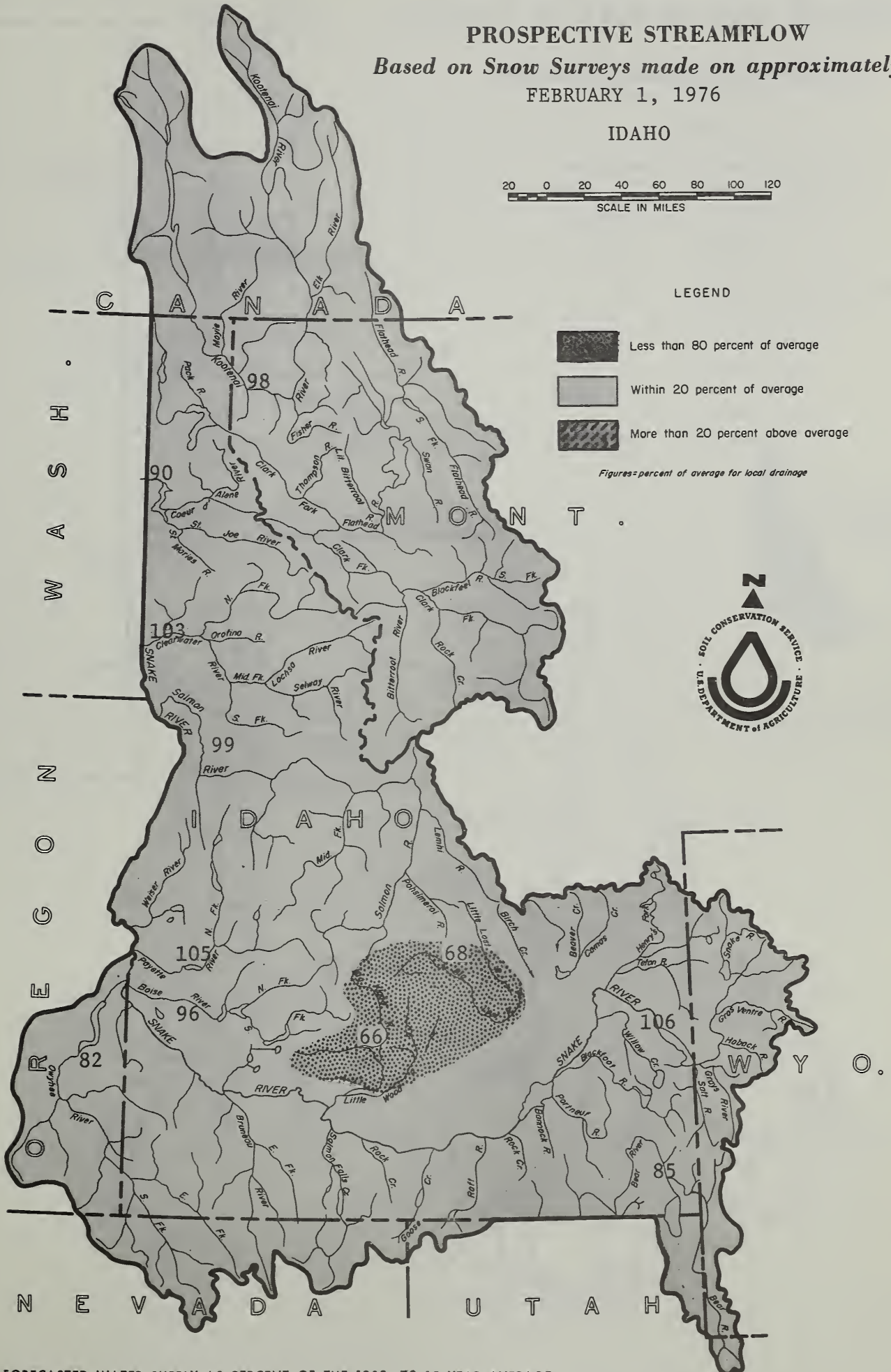
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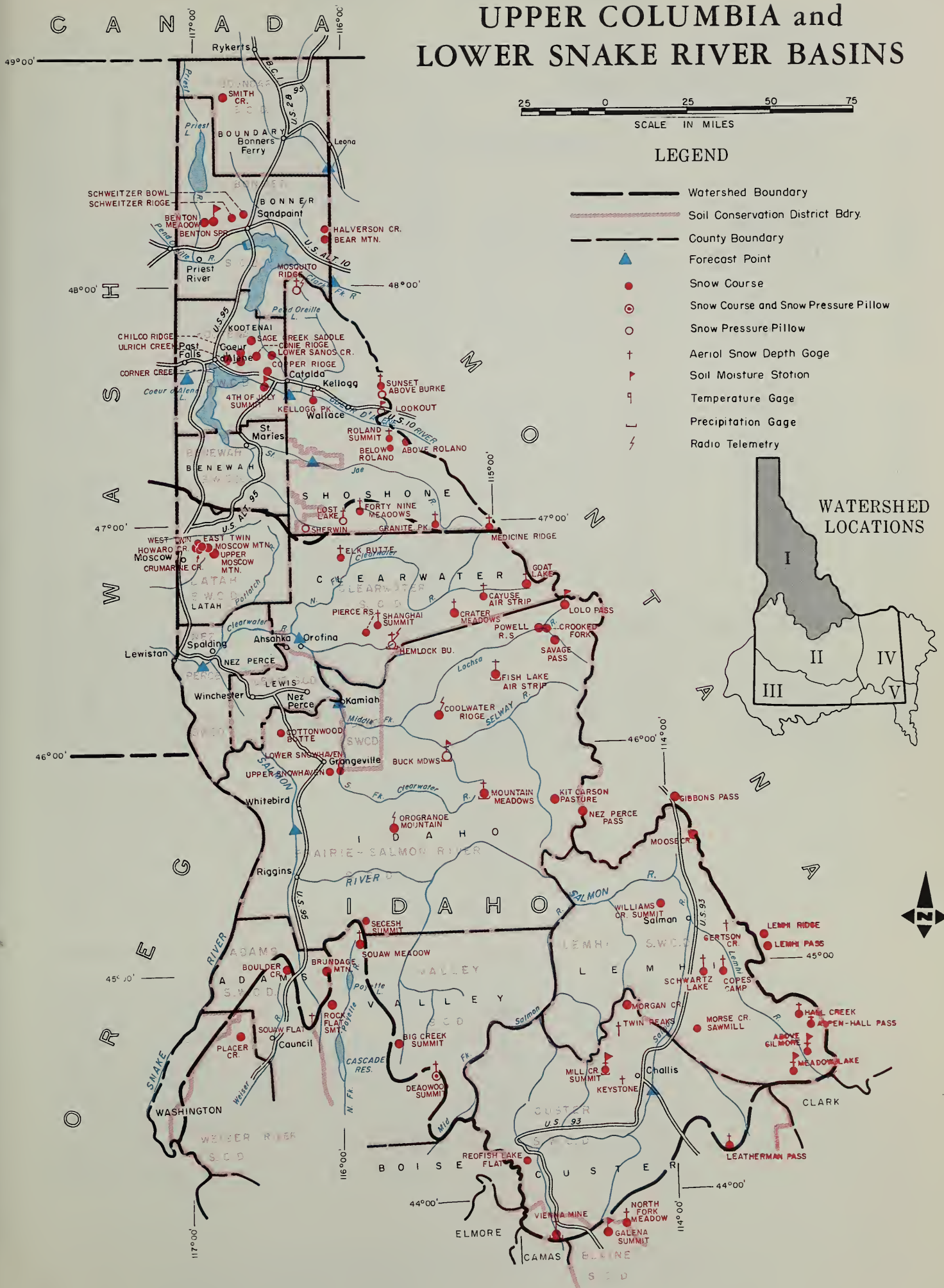
LEGEND



Figures=percent of average for local drainage



UPPER COLUMBIA and LOWER SNAKE RIVER BASINS



INDEX to SNOW COURSES

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
			LAT.	OR ANO	LONG.	

UPPER COLUMBIA BASIN

KOOTENAI RIVER

16A7	I	Halverson Creek	3	57N	3E	4850
16A1	I	Smith Creek	29	64N	3W	4800

PEND OREILLE - PRIEST RIVER

16A8	I	Bear Mountain	9	57N	3E	5400
16A2	I	Benton Meadow	27	58N	4W	2370
16A3	I	Benton Spring	30	58N	3W	4900
16A6	I	Schweitzer Bowl	20	58N	2W	4500
16A5	I	Schweitzer Ridge	19	58N	2W	6100

HAYDEN CREEK

16B8	I	Chilco Ridge	15	52N	2W	3650
16B7	I	Conie Ridge	22	52N	2W	3900
16B9	I	Corner Creek	22	52N	2W	3150
16B6	I	Sage Creek Saddle	10	52N	2W	4100

SPOKANE RIVER

15B8SP	I	Above Burke	11	48N	5E	4100
15B7	I	Above Roland	35	47N	6E	4350
15B6	I	Below Roland	34	47N	6E	3770
16B2	I	Copper Ridge	6 & 7	50N	1W	4800
16B3M	I	Fourth of July Summit	6	49N	1W	3200
15B13A	I	Granite Peak	3	42N	8E	6000
16B5A	I	Kellogg Peak	19	48N	3E	5560
15B2MSP	I	Lookout	4	47N	6E	5120
16B1	I	Lower Sands Creek	32	51N	1W	3400
15B4ASP	I	Medicine Ridge	24	43N	10E	5920
16A4ASP	I	Mosquito Ridge	5	54N	2E	5110
15B5A	I	Roland Summit	26	47N	6E	5200
16C1SP	I	Sherwin	28 & 33	42N	1E	3200
15B9ASP	I	Sunset	28	49N	5E	5600

LOWER SNAKE BASIN

PALOUSE RIVER

16C6	I	Crumarine Creek	24	40N	5W	3340
16C3	I	East Twin	13	40N	5W	4050
16C5	I	Howard Creek	14	40N	5W	3500
16C2	I	Moscow Mountain	18	40N	4W	4400
16C4P.	I	West Twin	14	40N	5W	4250

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
			LAT.	OR ANO	LONG.	

CLEARWATER RIVER

15D5MAP	I	Buck Meadows	26	31N	8E	5650
15C3A	I	Cayuse Airstrip	4	38N	11E	3700
15C7S	I	Coolwater Mountain	32	33N	8E	6200
16C16	I	Cottonwood Butte	33	32N	1W	5140
15C9A	I	Crater Meadows	2	37N	9E	6100
14C10	I	Crooked Fork	27	37N	14E	3800
16C15A	I	Elk Butte	6	40N	3E	5550
15C2AP	I	Fish Lake Airstrip	35	35N	11E	5000
15B3ASP	I	Forty-nine Meadows	6	43N	5E	4880
14C9A	I	Goat Lake	4	38N	13E	6600
16C6AP	I	Hemlock Butte	7	36N	7E	5500
15C8S	M	Hoodoo Basin	17	14N	27W	6000
15C1	M	Hoodoo Creek	16	14N	27W	5900
14D3	I	Kit Carson Pasture	4	27N	16E	5020
14C5M	I	Lolo Pass	16	38N	15E	5240
15B14AS	I	Lost Lake	16	43N	4E	6000
16D7	I	Lower Snowhaven	9	29N	3E	5300
15D6AP	I	Mountain Meadows	9	27N	10E	6300
14D1	M	Nez Perce Pass	25	1S	24W	6575
15D4S	I	Orogrande Mountain	24	27N	6E	7800
15C5	I	Pierce Ranger Station	2	36N	5E	3170
14C6	I	Powell Ranger Station	33	37N	14E	4230
14C4	I	Savage Pass	18	36N	15E	6170
15C4A	I	Shanghai Summit	7	37N	6E	4600
16D4	I	Upper Snowhaven	8 & 9	29N	3E	5600

SALMON RIVER

13E19MA	I	Above Gilmore	13	13N	26E	8200
13E21A	I	Aspen-Hall Pass	6	16N	28E	8110
15E2	I	Big Creek Summit	24	15N	5E	6600
16D6	I	Brundage Mountain	6	19N	3E	7560
13E17A	I	Copes Camp	36	18N	22E	7500
13D2	M	Gibbons Pass	4	2S	19W	7100
13E20A	I	Hall Creek	1	16N	27E	7560
13E24A	I	Leatherman Pass	20	9N	23E	9800
13E1	M	Lemhi Pass	9	10S	15W	7480
13E23	M	Lemhi Ridge	4	10S	15W	8100
13E18MA	I	Meadow Lake	24	13N	26E	9100
14E1MAP	I	Mill Creek Summit	8	13N	17E	8870
13D16	I	Moose Creek	22 & 26	27N	21E	6200
14E4	I	Morgan Creek	32	18N	19E	7580
13E26	I	Morse Creek Sawmill	8	15N	23E	7120
14E7	I	Redfish Lake Flat	34	10N	13E	6570
13E16A	I	Schwartz Lake	34	18N	22E	8500
13E3A	I	Twin Peaks	28	15N	17E	10300
14F4AP	I	Vienna Mine	32	6N	14E	8960
14D4	I	Williams Creek Summit	34	21N	20E	7800

LEGEND

Numbering System (example)

10J7	SNOW COURSE ONLY.
10J7P	SNOW COURSE AND PRECIPITATION GAGE.
10J7M	SNOW COURSE AND SOIL MOISTURE STATION.
10J7A	SNOW COURSE AND AERIAL MARKER.
10J7s	PRESSURE PILLOW ONLY.
10J7S	SNOW COURSE AND PRESSURE PILLOW.
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER.
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE.
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY.
10J7p	STORAGE PRECIPITATION GAGE ONLY.
10J7R	RADIOACTIVE GAGE

SNOW

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DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average ^b

UPPER COLUMBIA RIVER BASINPEND OREILLE - PRIEST RIVER

Benton Meadow	2370	1/27	13	3.4	5.3	6.0
Benton Spring	4900	1/30	21	6.2	14.8	13.8
#Mosquito Ridge	5110	1/27	65	22.3	--	--
Schweitzer Bowl	4500	2/2	43	14.9	27.1	22.6*
Schweitzer Ridge	6100	2/2	70	27.5	43.2	32.1*

SPOKANE RIVER

Above Burke	4100	1/30	53	16.1	16.2	--
Fourth of July Summit	3200	1/29	17	5.4	9.8	6.8*
Lookout	5120	1/30	71	23.4	27.2	26.4
Mosquito Ridge	5110	1/27	65	22.3	--	--
Sherwin	3200	1/30	38	11.6	14.4	11.0*

LOWER SNAKE RIVER BASINCLEARWATER RIVER

Cayuse Airstrip	3700	1/29	33	8.5	11.0	9.4*
Cottonwood Butte	5140	1/30	37	10.5	10.7	--
Crater Meadows	6100	1/29	98	31.8	29.1	31.2*
Crooked Fork	3600	1/29	36	12.4	12.3	--
Fish Lake Airstrip	5000	1/29	98	29.6	27.4	28.0*
Hemlock Butte	5500	1/29	120	38.0	33.4	32.8*
Lolo Pass	5240	1/29	76	24.7	22.4	22.9*
Lower Snowhaven	5300	1/30	50	16.0	15.0	--
Pierce Ranger Station	3170	1/30	39	10.8	11.9	8.4
Powell Ranger Station	3400	1/29	37	11.7	11.8	--
Savage Pass	6170	1/30	69	23.2	19.7	19.7*
Shanghai Summit	4600	1/29	60	16.6	18.7	17.8*
Upper Snowhaven	5600	1/30	43	14.5	14.0	--

SALMON RIVER

Big Creek Summit	6600	1/30	78	27.2	22.0	24.9
#Boulder Creek	5500	1/30	45	14.0	14.2	17.9*
Brundage Mountain	7560	1/29	90	30.4	24.6	34.7*
#Deadwood Summit	7000	1/30	80	27.5	29.2	33.9*
#Galena Summit	8795	1/27	52	15.0	14.1	16.7
#Gibbons Pass Mont.	7100	1/28	60	20.6	17.6	16.0
Mill Creek Summit	8870	1/28	52	17.0	13.9	17.8*
Moose Creek	6200	2/3	41	14.1	16.9	11.8
Morgan Creek	7580	1/28	37	10.6	9.8	10.5*

(b) 1958-72, 15 year period. #Not located directly on this drainage. * Estimated 1958-72, 15 year Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
NAME	Elevation				Last Year	Average ^b
#Rock Flat Summit	5200	1/29	43	11.8	11.1	12.8
#Secesh Summit	6520	1/29	68	24.5	22.6	--
#Squaw Meadow	5800	1/29	62	22.8	22.5	25.0*
Vienna Mine	8960	1/29	72	24.1	23.5	25.4*

(b) 1958-72, 15 year period. #Not located directly on this drainage. * Estimated 1958-72, 15 year Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

MIDDLE SNAKE RIVER BASIN NORTHSIDE



LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- ▲ Forecast Point
- Snow Course
- Snow Course and Snow Pressure Pillow
- Snow Pressure Pillow
- † Aerial Snow Depth Gauge
- Soil Moisture Station
- Temperature Gauge
- Precipitation Gauge
- ⚡ Radio Telemetry

INDEX to SNOW COURSES

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
			LAT.	AND	LONG.	

MIDDLE SNAKE RIVER BASIN NORTHSIDE

LITTLE LOST RIVER

13E5M	I	Fairview Guard Station	27	12N	26E	6750
13E3	I	Lost-Garfield	3	11N	26E	6600
13E6	I	Moonshine	31	13N	26E	7450
13E4	I	Sawmill Canyon	17	12N	26E	6900
13E7MP	I	Wet Creek Summit	15	8N	25E	7600

BIG LOST RIVER

13F3	I	Bear Canyon	26	5N	21E	7920
13F2A	I	Copper Basin	24	6N	21E	7650
13F8A	I	Fishpole Lake	28	4N	22E	9350
13F11	I	Iron Bog	23	4N	22E	7650
13F12	I	Leadbelt	34	4N	23E	6800
14F3A	I	Lost Wood Divide	19	6N	19E	7900
14F2A	I	Stickney Mill	9	6N	19E	7500
13F1	I	White Knob	25	7N	23E	7700

BIG WOOD RIVER

15F9	I	Camas Creeks Divide	11	2S	9E	5720
14F8	I	Dollarhide Summit	16	3N	15E	8620
14F1M	I	Galena	3	6N	15E	7300
14F12MPS	I	Galena Summit	33	7N	15E	8795
14F5	I	Graham Ranch	10	5N	17E	6200
14F7	I	Mascot Mine	8	4N	20E	7900
14F9	I	Mount Baldy	26	4N	17E	9000
14F11	I	Soldier Ranger Station	19	2N	14E	6100

LITTLE WOOD RIVER

13F4	I	Garfield Ranger Station	11	3N	21E	6554
13F5	I	Muldoon	25	3N	21E	6300
13F9R	I	Swede Peak	4	3N	21E	7650

FISH CREEK

13F10	I	Iron Mine Creek	32	3N	23E	6370
13F6	I	Telfer Ranch	12	2N	22E	6000

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
			LAT.	AND	LONG.	

BOISE RIVER

15F4APS	I	Atlanta Summit	23	5N	10E	7500
15F2	I	Bad Bear	35	7N	6E	5500
16F4	I	Bogus Basin Road	32	5N	3E	5360
14F10	I	Couch Summit	9	2N	14E	6950
16F1	I	Deadman Gulch	29	7N	4E	5600
15F14PSR	I	Graham Guard Station	9	7N	10E	5690
15E9AP	I	Jackson Peak	7	8N	9E	7000
15F1MPSR	I	Moore's Creek Summit	19	7N	7E	6100
15F6P	I	Prairie	13	2N	7E	4900
15F3A	I	Road Creek	5	5N	8E	5550
15FAPS	I	Trinity Mountain	6	3N	9E	7780

CANYON CREEK

15F7	I	Bennett Mountain	7	2S	9E	6650
15F12	I	Little Camas Flat	21	1S	9E	4950

PAYETTE RIVER

16F2PS	I	Bogus Basin	16	5N	3E	6120
15E8PSR	I	Cozy Cove	19	11N	7E	5400
15E3	I	Crawford Ranger Station	21	14N	4E	4800
15E10	I	Deadwood Airstrip	8	11N	7E	5440
15E7	I	Deadwood Dam	8	11N	7E	5290
15E4AS	I	Deadwood Summit	23	14N	7E	7000
16E4	I	High Valley Summit	9	10N	2E	5170
15E1	I	Lake Fork	3	18N	4E	6000
16E1	I	Rock Flat Summit	1	18N	2E	5200
15D1	I	Secesh Summit	34	22N	4E	6520
15D2	I	Squaw Meadow	5	21N	4E	5800
16E3	I	Tripod Summit	17	11N	3E	5200

WEISER RIVER

16D1P	I	Boulder Creek	15	20N	1W	5500
16E2	I	Placer Creek	15&16	17N	3W	6000

MANN CREEK

16E9	I	Mann Creek	20	15N	5W	6080
16E8	I	Sturgill Ridge	21	15N	5W	6800
17E1	I	Robinson Creek Ridge	2	14N	6W	6220
17E2	I	Thorson Cabin	12	14N	6W	5320

LEGEND

Numbering System (example)

10J7	SNOW COURSE ONLY.
10J7P	SNOW COURSE AND PRECIPITATION GAGE.
10J7M	SNOW COURSE AND SOIL MOISTURE STATION.
10J7A	SNOW COURSE AND AERIAL MARKER.
10J7s	PRESSURE PILLOW ONLY.
10J7S.	SNOW COURSE AND PRESSURE PILLOW.
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER.
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE.
10J7m	SOIL MOISTURE STATION ONLY.
10J7a	AERIAL MARKER ONLY.
10J7p	STORAGE PRECIPITATION GAGE ONLY.
10J7R	RADIOACTIVE GAGE

SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average ^b

MIDDLE SNAKE RIVER BASIN - NORTHSIDELITTLE LOST RIVER

Fairview Guard Station	6750	1/28	18	3.2	2.3	3.8
Lost Garfield	6600	1/28	17	2.8	2.7	3.2
Moonshine	7450	1/28	32	8.2	5.4	8.0
Sawmill Canyon	6900	1/28	25	5.4	4.1	6.4
Wet Creek Summit	7600	1/29	24	4.8	3.0	8.8*

BIG LOST RIVER

Bear Canyon	7920	1/26	27	6.0	5.5	--
Copper Basin	7650	1/26	11	2.3	2.2	7.3*
Fishpole Lake	9350	1/26	31	8.0	6.4	--
Lost-Wood Divide	7900	1/26	42	11.9	10.0	17.3*
Stickney Mill	7500	1/26	20	4.0	5.1	6.0*
White Knob	7700	1/30	16	3.5	4.5	6.7*

LITTLE WOOD RIVER

#Bear Canyon	7920	1/26	27	6.0	5.5	--
Garfield Ranger Station	6554	1/28	19	4.0	4.1	7.9*
Muldoon	6300	1/28	17	3.2	3.0	6.2*
Swede Peak	7650	1/26	32	7.5	5.6	11.5*

BIG WOOD RIVER

#Couch Summit	6950	1/29	36	9.5	7.9	13.8
Galena	7300	1/27	42	11.2	10.0	14.3
Galena Summit	8795	1/27	52	15.0	14.1	16.7
Graham Ranch	6200	1/27	28	6.9	6.0	10.0
#Lost-Wood Divide	7900	1/26	42	11.9	10.0	17.3*
Mascot Mine	7900	1/26	28	6.8	4.4	--
Mount Baldy	9000	1/30	39	11.5	9.0	14.6
Soldier Ranger Station	6100	1/29	26	6.5	4.6	9.9
#Vienna Mine	8960	1/29	72	24.1	23.5	25.4*

BOISE RIVER

Atlanta Summit	7500	1/29	67	20.3	20.5	24.9
Bad Bear	5500	1/27	45	11.8	9.3	10.8*
#Bogus Basin	6120	1/29	54	16.3	17.2	17.3
Bogus Basin Road	5360	1/29	19	6.4	6.8	5.9
Couch Summit	6950	1/29	36	9.5	7.9	13.8
Graham Guard Station	5690	1/29	44	11.6	12.0	--
Jackson Peak	7000	1/29	67	22.8	--	23.7*
Moore's Creek Summit	6100	1/27	82	25.6	18.4	23.4

(b) 1958-72, 15 year period. #Not located directly on this drainage. * Estimated 1958-72, 15 year Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

iv
SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average ^b
Prairie	4900	1/29	26	7.2	5.0	5.5
#Soldier Ranger Station	6100	1/29	26	6.5	4.6	9.9
Trinity Mountain	7780	1/29	75	25.4	24.7	30.3
#Vienna Mine	8960	1/29	72	24.1	23.5	25.4*

PAYETTE RIVER

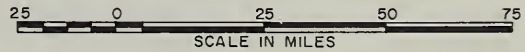
#Big Creek Summit	6600	1/30	78	27.2	22.0	24.9
Bogus Basin	6120	1/29	54	16.3	17.2	17.3
#Brundage Mountain	7560	1/29	90	30.4	24.6	34.7*
Cozy Cove	5400	1/30	37	11.2	--	12.6
Crawford Ranger Station	4800	1/30	16	4.0	6.4	6.8
Deadwood Airstrip	5440	1/30	39	10.7	11.9	11.6
Deadwood Summit	7000	1/30	80	27.5	29.2	33.9*
#Jackson Peak	7000	1/29	67	22.8	--	23.7*
Lake Fork	6000	1/29	45	13.8	11.7	--
Rock Flat Summit	5200	1/29	43	11.8	11.1	12.8
Secesh Summit	6520	1/29	68	24.5	22.6	--
Squaw Meadow	5800	1/29	62	22.8	22.5	25.0*

WEISER RIVER

Boulder Creek	5500	1/30	45	14.0	14.2	17.9*
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MIDDLE SNAKE RIVER BASIN SOUTHSIDE



LEGEND

- Watershed Boundary
- - - Soil Conservation District Bdry.
- - - County Boundary
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- Snow Course
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WATERSHED LOCATIONS



INDEX to SNOW COURSES

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
			LAT.	OR AND	LONG.	

MIDDLE SNAKE RIVER BASIN SOUTHSIDE

RAFT RIVER

13G2AP	I	Boy Scout Camp	8	14S	24E	7760
13H2A	U	Clear Creek Meadows	26	14N	14W	9050
13H4SP	U	George Peak	4	13N	14W	9000
13G1MP	I	Howell Canyon	2	13S	24E	8000
13H1P	U	One Mile Summit	19	14N	14W	7330
13G5M	I	Sheep Hollow	4	14S	24E	6200
12G8M	I	Sublett	8	12S	30E	6000
12G9A	I	Summit Springs	15	13S	30E	6400

GOOSE - TRAPPER CREEK

14G3M	I	Badger Gulch	24	15S	19E	6660
14G1AP	I	Bostetter Ranger Station	35	14S	19E	7500
13H3AP	U	Vi Pont	17	14N	17W	7670

SALMON FALLS CREEK

14G5A	I	Cedar Creek	25	15S	13E	7000
14G4M	I	Deadline	25	14S	18E	6900
15H13A	N	Goat Creek	31	46N	60E	8800
14G2	I	Magic Mountain	14	14S	18E	6700
15H18A	N	Red Point	15	47N	61E	7940
14G6	I	Shoshone Basin	24	14S	17E	5740
15G2A	I	Wilson Creek	24	16S	12E	7500

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
			LAT.	OR AND	LONG.	

BRUNEAU RIVER

15H1MAP	N	Bear Creek	31	46N	58E	7800
15H2	N	Fox Creek	33	46N	58E	6800
15H15A	N	Hummingbird Springs	6	45N	60E	8950
15H14MP	N	Pole Creek Ranger Station	13	46N	59E	8330

OWYHEE RIVER

16G6	I	Antelope Ridge	20	8S	1E	5900
18F5	O	Barren Valley	26	17S	38E	4200
16G9a	I	Battle Creek	10	11S	1E	5700
15H4M	N	Big Bend	30	45N	56E	6700
16G10a	I	Bull Basin	19	12S	5W	5600
15H7	N	Fry Canyon	31	43N	54E	6700
15H5	N	Gold Creek	31	45N	56E	6600
16G5a	I	Hyde Pasture	SE 1/4 31	8S	2W	5800
16H4	N	Jacks Peak	28	42N	53E	8420
16H5	N	Laurel Draw	20	45N	53E	6700
17G4a	O	Louse Canyon	27	40S	44E	6440
16H1M	N	Lower Jack Creek	18	42N	53E	6800
16G7MP	I	Mud Flat	34	9S	2W	5500
17G5a	O	Oregon Canyon	9	40S	40E	6950
17H6a	N	Quinn Ridge	9	47N	41E	6300
16G11ap	I	Red Canyon	32	11S	4W	6650
15H6M	N	Rodeo Flat	36	43N	53E	6800
16F3AP	I	Silver City	6	5S	3W	6400
16G1PSR	I	South Mountain	35	7S	5W	6340
16F6a	I	Succor Creek	25	3S	5W	6100
15H9M	N	Taylor Canyon	35	39N	53E	6200
16G4a	I	Triangle	N 1/2 35	7S	3W	5150
16H2	N	Upper Jack Creek	9	42N	53E	7250
16G12a	I	Vaught Ranch	10	11S	1W	5950
16G13a	I	War Eagle	20	5S	3W	7700

LEGEND

Numbering System (example)

10J7	SNOW COURSE ONLY.
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SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average ^b

MIDDLE SNAKE RIVER - SOUTHSIDERAFT RIVER

Howell Canyon	8000	1/30	54	19.3	16.6	17.4
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SALMON FALLS CREEK

#Bear Creek (A)	Nev.	7800	1/31	36	11.6	15.7	13.0
Cedar Creek (A)		7000	1/31	24	6.9	7.9	6.4
Deadline		6900	1/29	45	14.2	15.7	15.6
Goat Creek	Nev.	8800	1/28	34	9.8	11.4	11.4
#Hummingbird Springs (A)	Nev.	8945	1/31	41	12.7	19.5	14.4
Magic Mountain		6700	1/29	40	12.3	13.9	12.3
#Pole Creek R. S.	Nev.	8330	1/28	43	13.4	16.3	12.3
Red Point (A)	Nev.	7940	1/31	9	2.7	4.0	--
Shoshone Basin		5740	1/29	16	5.0	6.8	3.8*
Wilson Creek (A)		7500	1/31	27	7.7	8.6	--

BRUNEAU RIVER

Bear Creek (A)	Nev.	7800	1/31	36	11.6	15.7	13.0
Hummingbird Springs (A)	Nev.	8945	1/31	41	12.7	19.5	14.4
Pole Creek R. S.	Nev.	8330	1/28	43	13.4	16.3	12.3
#Seventy-six Creek (A)	Nev.	7100	1/31	24	5.8	8.0	7.6

OWYHEE RIVER

Battle Creek (A)		5700	1/19	4	1.0	3.8	2.8
#Bear Creek (A)	Nev.	7800	1/31	36	11.6	15.7	13.0
Bull Basin (A)		5600	1/19	6	1.5	3.8	1.0*
Hyde Pasture (A)		5800	1/19	8	2.0	3.8	4.2
Red Canyon (A)		6650	1/19	18	5.0	7.7	5.4*
#Seventy-six Creek (A)	Nev.	7100	1/31	24	5.8	8.0	7.6
Silver City		6400	1/30	32	9.1	13.0	11.1*
South Mountain		6340	1/31	25	8.0	10.0	9.0
Succor Creek (A)		6100	1/19	13	3.6	4.2	4.2*
Triangle (A)		5150	1/19	T	T	--	0.9
Vaught Ranch (A)		5950	1/19	3	0.6	5.4	2.8*
War Eagle (A)		7700	1/19	69	22.1	14.7	17.7*

(b) 1958-72, 15 year period. #Not located directly on this drainage. * Estimated 1958-72, 15 year Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average ^b

UPPER SNAKE RIVER BASINCAMAS-BEAVER CREEKS

Camp Creek	6800	1/30	24	6.3	5.7	7.4
Kilgore	6200	1/28	28	7.9	7.9	7.9

HENRYS FORK RIVER

Big Springs		6400	1/29	50	15.3	10.5	14.4
Grassy Lake	Wyo.	7230	1/29	97	34.4	21.8	23.2
Island Park		6315	1/29	44	12.9	9.2	11.6
Sawtell Mountain		8720	1/29	64	22.2	12.9	26.1*
Targhee Pass		7000	1/29	39	11.1	6.9	12.0*
Valley View		6500	1/29	40	12.0	7.7	12.3
White Elephant		7700	1/29	54	18.6	10.0	--

TETON RIVER

Darby Canyon	Wyo.	8250		Delayed		13.1	--
Freds Mountain	Wyo.	8150	2/2	68	23.0	13.2	--
Garns Mountain		8300		Delayed		19.6	--
Indian Meadows	Wyo.	8240		Delayed		19.0	--
Jackpine Creek	Wyo.	7350		Delayed		13.3	--
McRenolds Reservoir		6800		Delayed		12.6	--
Miles Creek	Wyo.	7300		Delayed		8.0	--
Phillips Bench	Wyo.	8200	1/26	68	22.8	16.7	--
Pine Creek Pass		6750	2/2	51	16.3	10.0	11.5*
State Line		6650	2/2	40	12.8	8.3	9.9
Teton Pass W.S.	Wyo.	8400	1/26	64	23.0	13.8	--

WILLOW CREEK

Aspen Grove		6600	2/1	34	10.0	8.2	8.1*
Birch Creek		6800	2/1	27	8.3	5.7	7.5*
Blue Ridge		6800	2/1	40	13.2	10.7	--
Bone		6200	2/1	22	6.4	3.4	6.2*
Brockman Station		6430	2/1	27	8.5	5.4	--
Hell Creek		7100	2/1	38	12.5	7.9	--
Mud Creek		7150	2/1	34	11.0	10.4	--
Sheep Mountain		6510	2/1	39	11.6	5.6	10.0*
Tex Creek		6700	2/1	29	8.6	5.6	6.2*

SAND CREEK

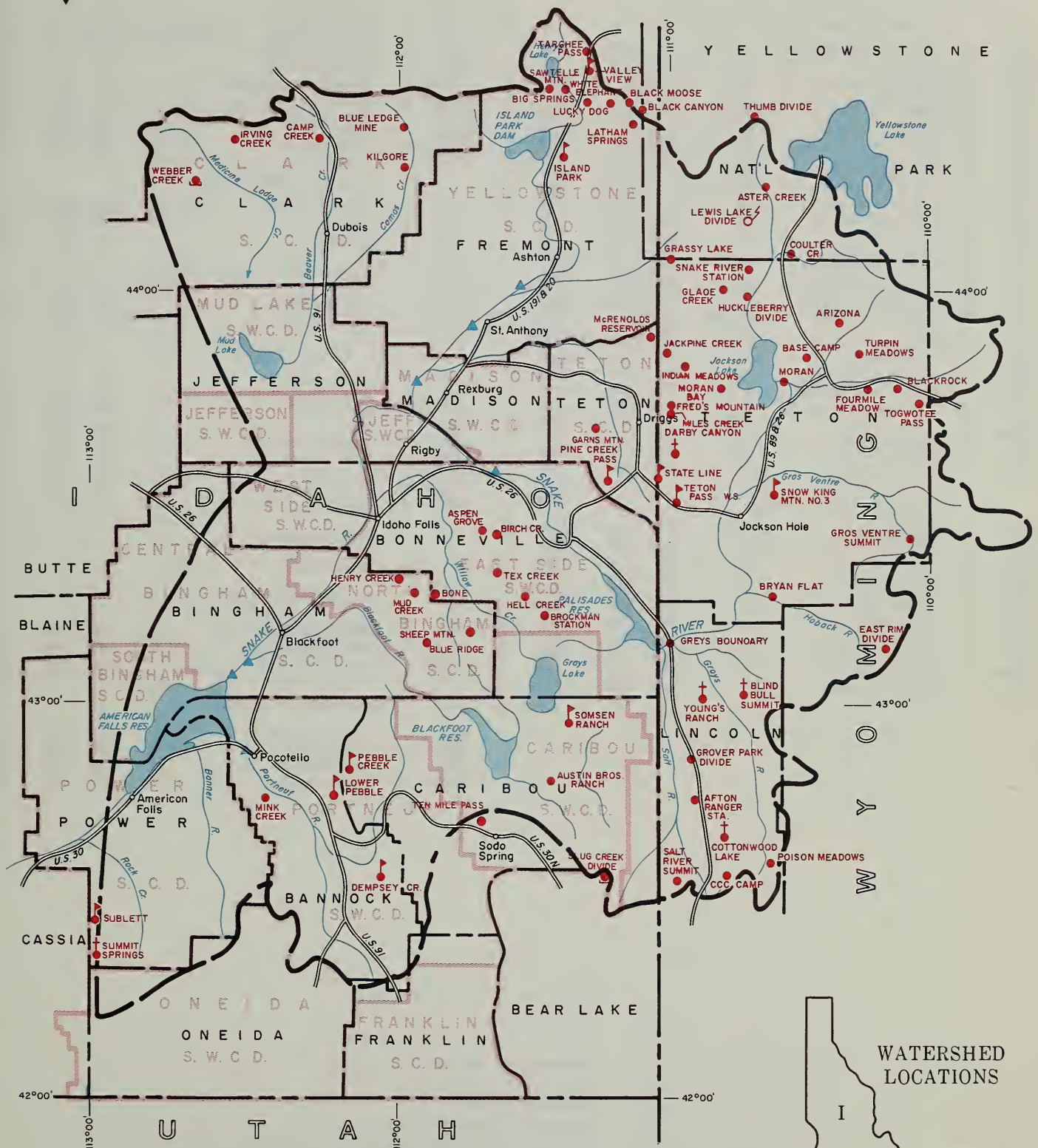
Henry Creek		5650	2/1	13	3.5	4.3	3.1*
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(b) 1958-72, 15 year period. #Not located directly on this drainage. * Estimated 1958-72, 15 year Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

UPPER SNAKE RIVER BASIN



25 0 25 50
SCALE IN MILES

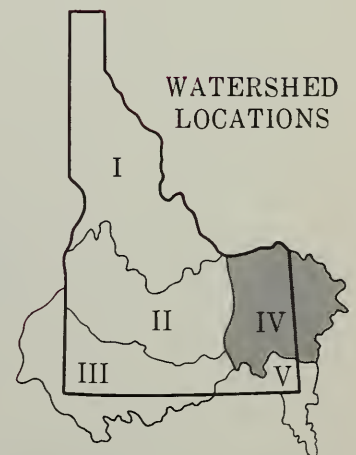


LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- ▲ Forecast Point
-
- ⊙

- Snow Course
- Snow Course and Snow Pressure Pillow
- Snow Pressure Pillow
- Aerial Snow Depth Gage
- + Soil Moisture Station
- q Temperature Gage
- q Precipitation Gage
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WATERSHED LOCATIONS



DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average ⁶

GREAT BASINBEAR RIVER

Emigrant Summit	7350	1/26	55	15.0	16.5	17.0*
Emigration Canyon	6500	1/26	25	6.9	7.8	7.8*

Montpelier Creek

Giveout	6840	1/27	34	8.4	7.4	8.7*
Little Beaver	6970	1/26	38	10.7	9.8	10.9*
Lower Home Canyon	7500	1/28	33	10.3	9.2	--
Montpelier Creek	6570	1/27	20	4.4	4.8	6.0*
Upper Home Canyon	8500	1/28	55	17.1	15.3	--
Whiskey Flat	6985	1/26	21	5.2	4.8	6.9*

Mink Creek

Christensen Ranch	5600	1/26	26	6.1	6.7	5.9
Dry Basin	7900	1/26	56	16.7	18.1	20.9*
#Emigrant Summit	7350	1/26	55	15.0	16.5	17.0*
Horseshoe Basin	8000	1/26	48	14.7	16.7	17.3*
Liberty Spring	8600	1/26	74	24.4	23.7	22.6*
Strawberry Creek	5800	1/27	25	6.6	7.8	7.2
Strawberry Mink Divide	6800	1/26	42	12.3	14.7	14.4

Cub River

Cub River R. S.	5400	1/26	29	7.7	8.2	5.8
#Franklin Basin	8000	1/26	56	17.6	17.5	--
Willow Flat	6100	1/26	39	10.7	11.9	10.5

GREAT BASIN



INDEX to SNOW COURSES

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
			LAT.	OR AND	LONG.	

GREAT BASIN

BEAR RIVER

10G11	Wy	Big Park	7	27N	117W	8700
11H13MP	U	Dry Bread Pond	19	8N	4E	8230
11G7	I	Emigration Canyon (mouth)	24	12S	42E	6500
11H7P	U	Garden City Summit	35	14N	4E	7600
10J6P	U	Burt's-Miller Ranch	19	3N	10E	7900
10J7P	U	Hayden Fork	1	1S	9E	9300
10G12	Wy	Kelly Ranger Station	13	26N	118W	8200
11H12P	U	Monte Cristo R. S.	3	8N	4E	8960
10G10	Wy	Piney LaBarge	19	29N	114W	8820
10J17P	U	Stillwater Camp	32	2N	10E	8550
10J28P	U	Whitney G. S.	4	1N	9E	9300

MONTPELIER CREEK

11G16	I	Giveout	2	12S	45E	6840
11G20	I	Little Beaver	26	11S	45E	6970
11G27	I	Lower Home Canyon	17	12S	45E	7500
11G18	I	Montpelier Creek	22	12S	45E	6570
11G26	I	Upper Home Canyon	31	11S	45E	8500
11G21	I	Whiskey Flat	26	11S	45E	6985

MINK CREEK

11G11	I	Christensen Ranch	27	13S	41E	5600
11G14A	I	Dry Basin	30	13S	42E	7900
11G6MP	I	Emigrant Summit	21	12S	42E	7350
11G15A	I	Horseshoe Basin	31	13S	42E	8000
11G13A	I	Liberty Spring	7	13S	42E	8600
11G9M	I	Strawberry Creek	9	13S	41E	5800
11G10	I	Strawberry Mink Divide	14	13S	41E	6800

CUB RIVER

11G12	I	Cub River Ranger Station	5	15S	41E	5400
11G8S	I	Franklin Basin	1	16S	41E	8000
11G4P	I	Willow Flat	2	15S	41E	6100
11G28	I	Worm Creek	28	14S	41E	6660

MALAD RIVER

12G13	I	Cliff Canyon	13	12S	35E	7200
12G12	I	Daniels Creek	11	12S	35E	6400
12G4	I	Dry Creek Flat	28	13S	37E	6480
12G11	I	Lower Elkhorn	30	12S	36E	7000
12G3	I	Oxford Mountain	27	13S	37E	6800
12G10	I	Upper Elkhorn	25	12S	35E	7100

LEGEND

Numbering System (example)

10J7	SNOW COURSE ONLY.
10J7P	SNOW COURSE AND PRECIPITATION GAGE.
10J7M	SNOW COURSE AND SOIL MOISTURE STATION.
10J7A	SNOW COURSE AND AERIAL MARKER.
10J7s	PRESSURE PILLOW ONLY.
10J7S	SNOW COURSE AND PRESSURE PILLOW.
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER.
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE.
10J7m	SOIL MOISTURE STATION ONLY.
10J7a	AERIAL MARKER ONLY.
10J7p	STORAGE PRECIPITATION GAGE ONLY.
10J7R	RADIOACTIVE GAGE

SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
NAME	ELEVATION	DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
<u>SALMON RIVER</u>							
Mill Creek Summit	8870	48	9.4	1/28	4.3	Frozen	--
<u>LITTLE LOST RIVER</u>							
Fairview Guard Station	5850	42	7.6	1/28	7.8	--	8.3
Wet Creek Summit	8175	48	17.1	1/29	13.0	--	13.6
<u>BIG WOOD RIVER</u>							
Galena	7300	48	10.1	1/27	7.0	--	--
Galena Summit	8795	48	5.8	1/27	1.6	--	1.7
<u>BOISE RIVER</u>							
Bogus Basin Road	4830	48	7.1	1/29	5.7	5.7	--
<u>RAFT RIVER</u>							
Howell Canyon	8000	48	11.5	1/30	9.0	5.5	8.7
<u>SALMON FALLS CREEK</u>							
Deadline	6900	36	7.4	1/29	5.6	5.6	6.7
Patrick Ranch	5720	36	7.7	1/28	7.0	--	5.2
Pole Creek R. S.	8330	48	9.7	1/28	8.2	6.9	8.0
<u>BEAR RIVER</u>							
Emigrant Summit	7350	36	8.2	1/26	5.4	--	6.7
Strawberry Creek	5800	48	12.7	1/27	7.8	--	10.3
<u>Montpelier Creek</u>							
Giveout Pass	7025	36	9.4	1/26	5.1	--	8.0
Jenson Ranch	6580	48	18.7	1/27	14.6	--	12.4

Agencies and Organizations Cooperating in Idaho Snow Surveys

GOVERNMENT AGENCIES

States:

Idaho Department of Water Resources
State of Idaho Department of Fish and Game
University of Idaho
Idaho State University
Montana Agricultural Experiment Station
Montana State Water Conservation Board
Montana Cooperative Snow Surveys
Nevada Cooperative Snow Surveys
Oregon Agricultural Experiment Station
Oregon Cooperative Snow Surveys
Oregon State Engineer and Corps of
State Watermasters
Utah Cooperative Snow Surveys
Wyoming Cooperative Snow Surveys

Federal:

U. S. Army Engineers

U. S. Department of Agriculture
Forest Service
Agricultural Research Service
Statistical Reporting Service

U. S. Department of Commerce
NOAA, National Weather Service

U. S. Department of the Interior
Bonneville Power Administration
Bureau of Reclamation
Fish and Wildlife Service
Water Resources Division, Geological Survey
National Park Service
Bureau of Land Management

PUBLIC UTILITIES

The Montana Power Company
Washington Water Power Company
Idaho Power Company
Utah Power and Light Company

ORGANIZED PUBLIC AGENCIES

Big Lost River Irrigation District
Blaine Soil Conservation District
Boise Project Board of Control
Idaho Water District #01
Little Wood River Irrigation District
Mann Creek Irrigation District
Salmon Falls Creek Irrigation Company
Twin Falls Soil Conservation District
Big Wood Irrigation Company
Owyhee Project - North & South Board of Control

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